

Abstract

New therapeutic use of Polypodium extract. A new use of Polypodaceae genus extracts is described for the treatment of fibrotic pathologies, such as, scleroderma, pulmonary fibrosis, atherosclerosis, bone marrow fibrosis, liver fibrosis, pancreatic fibrosis, kidney fibrosis, cardiac fibrosis, Dupuytren's disease and, specially, Peyronie's disease; said fibrotic pathologies are produced by an extracellular matrix (ECM) overexpression, and by a Transforming Growth Factor (TGF- β) overexpression. It is disclosed extracellular matrix inhibition in vitro; and penis tunica albuginea reduction and plaque reduction in patients who suffer Peyronie's disease after Polypodium extracts administration. In a preferred mode, Polypodium extracts are obtained from Polypodium leucotomos rhizomes and extraction with a polar solvent.